



Ajay Kumar

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OBJECTIVE

To leverage my cloud engineering skills and experience to develop, maintain and optimize cloud computing solutions for an organization where my expertise in cloud engineering cloud help to design, implement and manage cloud-based solutions that meet the needs of the business, as well as, developing and managing people - can help create and drive services that are reliable, secure and cost effective.

SUMMARY OF QUALIFICATIONS

- Over 12 years of accelerated IT experience with **Microsoft certified “Azure Solutions Architect” & “Azure Administrator Associate”**, Strong business focus, technical knowledge, and experience to bridge the gap between the client needs and ICT advancements, and passion to make a difference in any endeavor.
- Deliver Microsoft cloud service to 1M+ global customers across multiple sectors.
- Lead a group of software engineer towards implementing MS Azure cloud solutions that drive business continuity and help clients manage challenges.
- Collaborate with stockholders to define specifications related to infrastructure and security services, such as Azure AD, IaaS/PaaS/SaaS, Docker, Containers, Storage and networking.
- Conduct cost analysis to justify expenses and balance performance requirements against budgets.
- Outline solution needed to enable public/hybrid datacenter migration and deployment to ensure MS Azure Cloud project and delivered according to deadlines.
- Increase azure platform efficiency by 50% through setting up monitoring systems for 60+ clients that focused on creating, testing, deploying, and managing scalable application software.
- Developed integration layer using logic App, Service bus, Azure Data Factory, Data Bricks, Azure Synapse for backend services for notification and broadcasting.
- Perform Azure DevOps automation tasks using PowerShell, Bicep, Azure CLI and JSON form ARM templates.
- Designed and architect cloud solution in Azure by configuring availability sets, virtual machine scale set(VMSS) with load balancers, Virtual networks, network security group (NSG), Dockers and Kubernetes.
- Configuration of Azure Virtual Networks, Subnets, DNS, Network Security Groups, Load Balancers, Front door, Application Gateway, and Traffic manager.
- Enterprise-level experience and working with large teams and involved in architecture of highly scalable, secure, distributed applications, aligned with company standards, process, methodologies, and best practices.
- Experience in managing cross-functional team, day-to-day relationships with clients, and stakeholders supporting clients to achieve better outcomes.
- Extensive client account and project management experience with demonstrated ability to plan and manage the execution and implementation projects.

TECHNICAL SKILLS

- **Core Competency:** Azure Development/DevOps, Data Transformation, Security Operation, IaaS/SaaS/PaaS Integrations, Agile/Scrum & Waterfall Project Management, Client Consultation.
- **Azure Expertise:** Cloud Migrations, Dockers, Azure Kubernetes service(AKS), VNet, Traffic Manager, App Service, Azure Function App, Logic app, Service bus, Event Hub, Azure SQL, Active Directory, Azure Data Factory, Azure Data Lake, Azure Synapse Analytics, HDInsights, Azure DataBricks, ExpressRoute, Prometheus, OMS, Network Security, Blob storages.
- **Language/Scripting:** C#, PowerShell, Python, Bicep, Angular, Nodejs, JavaScript & JQuery.
- **Technologies:** MVC, DotNet Core 2, Web API, WCF, Web Services, ADO.NET, Microservices, Selenium, Nunity, Fiddler, SoapUI, Postman, ReSharper, SonarQube.
- **Version Control:** Team Foundation Server (TFS), Git, GitHub.

PROFESSIONAL EXPERIENCE

Cognizant Technology.

Noida, India

Sept 2021 to Nov 2021

Senior Consultant: Designing and Deploying Azure SaaS and PaaS solutions. Maintained client website with an annual sales of \$120M, which improved client satisfaction from 30% to 95% in 3 months. Liaised with the QA team to create various clustered/non-clustered indexes, which increased query optimization from 7% to 75%.

Pinkerton Corp. Risk Management.

Gurugram, India

July 2020 to sept 2021

Lead Developer: Heading the projects and architecting azure Software as a Service (SaaS), implemented Platform as a Service (PaaS). Analyzing, designing, and delivering full-stack technical solutions to customers leveraging Cloud services (Azure). Developed Azure Integration Services (Logic Apps, API Management, Service Bus & Event Grid) Azure SQL Database, SQL Server, SQL Server IaaS, firewalls, Web App proxies, Bash, BGP, Chef, Puppet, OSS



Technologies, PowerShell scripting, Azure Monitor and Application Insights. Worked on Azure Security and Identity services (e.g., Security Center, Azure Active Directory, RBAC, NSGs / ASGs). Implementing DevOps as a culture and with strategies and tools to implement DevSecOps practices as part of a new/existing delivery engagement. Create build and release pipelines by using Azure DevOps tools- ARM templates, JSON, PowerShell, Azure CLI, Bicep. Architecting, design, and implementation of Azure Networking Services:

InterGlobe Technology.

Gurugram, India

April 2017 to Jan 2020

Sr. Software Engineer: Leading the team, Architect and integrate on-premises applications, cloud providers or other platforms with Azure. Azure Networking services (e.g., VNets, Load Balancers, Front Door, ExpressRoute, Traffic Manager, Content Delivery Network). Developing Cloud-based infrastructure systems, BigData platforms, Data processing, data verification, ETL pipelines & Data Visualization. Build, design, implementation, and maintenance of solutions, products, and services in Onprem & Cloud environments. Implemented Azure SQL Pool, Azure MySQL, SQL Data warehouse, Cosmos DB, RedisCache, Service Bus, Azure Data Factory, Azure Data Bricks. Configuring Azure AD, AD Connect, MFA, SSO, Identity protection, consolidation of Ads, ADFS. Implement Infrastructure as a code. Respond to incidents quickly with insights into attacks and suggestions for remediation.

Publicis Sapient.

Gurugram, India

Aug 2016 to Mar 2017

Sr. Associate: Developing windows application in Right Angle and enhancing their out of box functionality for calculating risk management of different type of commodities. Designed and built Right angle interfaces using SSIS for setting up reference data for Trades, commodities, deal capture, settlements, and confirmations into Solar Right Angle. Project designing and documentation.

Tools & Technologies- Openlink RightAngle, Entero, .NET, C#, WCF, SQL Server, Oracle –Toads.

Fareportal.

Gurugram, India

Mar 2014 to Mar 2016

Software Engineer: Integrating TravelFusion (LCC) (Multi Airline GDS) into Cheapoair.com and Onetravel.com websites for searching and booking of flights. Estimating project timeline, design, code review and deployment.

Tools & Technologies – .NET, MVC, WCF, Angular, C#, WebApi, WCF, XML, SQL Server, SoapUI, Postman, Fiddler.

Neuronimbus Software Services.

New Delhi, India

Oct 2012 to Mar 2014

Software Developer: Developing B2C portal 'Montreal' for online hotels reservation system for Canada region.

Tools & Technologies - C#, Asp.Net, WCF, SQL Server 2012, WPF, CSS, jQuery, JavaScript, Ajax, Json.

JSRWeb Creations.

Faridabad, India

Feb 2010 to Sept 2012

Junior Software Engineer: Developing JSR Mart is a B2B portal which provides a platform for all the buyers and sellers to trade with each other. It contains B2B business directory of companies for providing information regarding various companies' products, trade leads, manufacturers, suppliers, exporters and buyers.

Tools & Technologies - Asp.NET, C#, WCF, SQL Server 2008, JavaScript, jQuery, Html.

EDUCATION & CERTIFICATION

Bachelor of Engineering: Information Technology, BIT Sindri, Dhanbad, India in July 2009.

Microsoft: Certified in 2023 in "**Azure Administrator Associate**"(az-104).

Microsoft: Certified in 2021 in "**Azure Solutions Architect**" (az-305) & "**Developing Microsoft Azure Solution**" (MS-523) in 2018.

IIT Kharagpur: Certified in 2007 in 'Computer network Management'.